

CAMTCHEM1

M&T
CHEMICALS INC.
 GENERAL OFFICES, RAHWAY, NEW JERSEY 07065
EMERGENCY PHONE NUMBERS
 During Office Hours,
 8:30 A.M. - 4:30 P.M.
 Call (201) 499-2401
 After Hours
 Call (201) 499-2445

Material Safety Data Sheet

DPM 1171

(Approved by U.S. Department of Labor Essentially Similar to Form LSBS-00S-4)

8-83

(supercedes 5-83)

CHEMICAL NAME: N/ASYNONYMS: N/ACHEMICAL FAMILY: Plating ChemicalFORMULA: Proprietary

CODE: _____

TRADENAME AND SYNONYMS: Silver-Lume A Brightener

I. INGREDIENTS

MATERIAL	CAS No.	%	TLV (Units)
a sulfide resin		<20	
an organic salt		>80	

II. PHYSICAL DATA

BOILING POINT, 760 mm. Hg	N/A	FREEZING POINT	N/A
SPECIFIC GRAVITY (H ₂ O = 1)	N/A	VAPOR PRESSURE at 20° C.	N/A
VAPOR DENSITY (air = 1)	N/A	SOLUBILITY IN WATER, % by wt. at 20° C.	moderate
PER CENT VOLATILES BY VOLUME	N/A	EVAPORATION RATE (Butyl Acetate = 1)	N/A
APPEARANCE AND ODOR	wetted brown to light gray powder	MOLECULAR WEIGHT	N/A

III. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (test method)	N/A	AUTOIGNITION TEMPERATURE	N/A	
FLAMMABLE LIMITS IN AIR, % by volume	LOWER	N/A	UPPER	N/A
EXTINGUISHING MEDIA	<input checked="" type="checkbox"/> Water Spray <input checked="" type="checkbox"/> Carbon Dioxide <input type="checkbox"/> Other <input checked="" type="checkbox"/> Foam <input checked="" type="checkbox"/> Dry Chemical			
SPECIAL FIRE FIGHTING PROCEDURES	<input checked="" type="checkbox"/> Avoid Eye and Skin Contact <input checked="" type="checkbox"/> Do Not Breathe Fumes <input type="checkbox"/> Other			
UNUSUAL FIRE AND EXPLOSION HAZARDS	Irritating fumes may develop when product is heated.			

IV. HEALTH HAZARD DATA

RECOMMENDED EXPOSURE LIMIT	N/A		
EFFECTS OF OVEREXPOSURE	Dermal contact with alkaline/cyanide Silverlume solution may cause severe eye and skin injury. Use rubber gloves and eye protection when handling Silverlume A and when preparing Silverlume Process solution.		
In case of eye contact, GET MEDICAL ATTENTION!	Flush with flowing water at least 15 minutes	Skin- Flush with flowing water for 15 minutes, then wash area with mild soap and water. Call a physician. Inhalation- Move exposed individual to fresh air. Call a physician.	Never give fluids or induce vomiting if patient is unconscious or having convulsions
EMERGENCY AND FIRST AID PROCEDURES			

V. REACTIVITY DATA

STABILITY		CONDITIONS TO AVOID	N/A
UNSTABLE	STABLE		
	X		
INCOMPATIBILITY (Materials to avoid)	<input type="checkbox"/> Water <input type="checkbox"/> Acids <input type="checkbox"/> Bases <input checked="" type="checkbox"/> Oxidizers <input type="checkbox"/> Reducers <input type="checkbox"/> Other		
HAZARDOUS DECOMPOSITION PRODUCTS	N/A		
HAZARDOUS POLYMERIZATION	CONDITIONS TO AVOID		N/A
May Occur Will Not Occur <div style="text-align: center;">X</div>			

VI. SPILL OR LEAK PROCEDURES

ENVIRONMENTAL IMPACT IF RELEASED OR SPILLED	May be hazardous to aquatic life if released to open waters. Cover spill with absorbant material. Transfer to a suitable container for disposal.
CORRECTIVE ACTION TO BE TAKEN	
WASTE DISPOSAL METHOD	Dispose of absorbant material as solid waste. Follow All Chemical Pollution Control Regulations.

VII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)		<input checked="" type="checkbox"/> Not normally required	<input type="checkbox"/> Other Use NIOSH approved respirator if ventilation is inadequate.
VENTILATION	LOCAL EXHAUST	recommended	SPECIAL
	MECHANICAL (general)	Required	OTHER
PROTECTIVE GLOVES [X]	EYE PROTECTION	<input type="checkbox"/> Not normally necessary	<input checked="" type="checkbox"/> Chemical workers goggles <input type="checkbox"/> Other
OTHER PROTECTIVE EQUIPMENT Eye wash & shower. Protective clothing.			

VIII. SPECIAL PRECAUTIONS

PRECAUTIONARY LABELING	Warning! May cause injury to skin following repeated or prolonged contact. Avoid contact with skin. In case contact occurs flush with plenty of water for at least 15 minutes; call a physician. May cause eye irritation/injury upon contact. Avoid eye contact. If contact occurs, flush with plenty of water for at least 15 minutes. Get medical attention. Launder contaminated clothing before re-use.
OTHER PRECAUTIONS	For Industrial Use Only. Read Technical Data Bulletin about this product prior to use.
OTHER HANDLING AND STORAGE CONDITIONS	Normal warehouse handling and storage.